

## **Sustainable Development Technology Canada**

Sustainable Development Technology Canada (SDTC) is an arm's-length foundation created by the Government of Canada which has received \$1.05 billion as part of the Government's commitment to create a healthy environment and a high quality of life for all Canadians. SDTC operates two funds aimed at the development and demonstration of innovative technological solutions. The \$550 million SD Tech Fund™ supports projects that address climate change, air quality, clean water, and clean soil. The \$500 million NextGen Biofuels Fund™ supports the establishment of first-of-kind large demonstration-scale facilities for the production of next generation renewable fuels.

### **We Meet the Need**

Canada has significant potential to develop and use clean technologies. This is indicated by the activity we have seen. Since 2002, the SD Tech Fund has received 1,760 applications from groups comprised of more than 5300 companies and institutions, with total requested funding exceeding \$4.3 billion. We have heard from applicants in every province and two territories.

The benefits extend to all Canadians and around the world. Clean technologies contribute to the economy both domestically and internationally, increasing productivity and competitiveness of industry while simultaneously reducing environmental impact.

We bridge the gap in the innovation chain. SDTC helps bring new technologies to market by supporting them through the critical phase of pre-commercialization. Private sector capital often does not extend to this costly, high-risk stage, creating a funding and capacity gap.

The SD Tech Fund is building the backbone of a clean tech infrastructure in Canada. By funding groups of companies (consortia) that represent all elements of a technology's supply chain, we help develop practical solutions that are more likely to attain market success.

### **What We Have Achieved**

SDTC has achieved tangible early results. In 2005, we saw the successful completion of our first seven projects, where technologies met their performance requirements, exceeding typical success rates. To date, over 30 projects have been successfully completed.

Our projects achieve multiple goals at once. We recognize that clean air, climate change, clean water and/or clean soil are inextricably linked. That's why 90% of our SD Tech Fund portfolio combines these benefits in some way.

We have a broad economic impact. In seven years, we have selected 183 projects proposing technology solutions for major economic sectors of Canada: Energy Exploration and Production; Power Generation; Industrial, Commercial and Residential Energy Utilization; Transportation; Agriculture; Forestry and Wood Products; and Waste Management.

The SD Tech Fund has achieved substantial leveraging of its funds. We have placed \$464M over fifteen rounds of funding. This has been leveraged by \$1.1B from consortia members, with 82 percent of that from industry (a strong indication that industry supports our model).

Our contributions range from \$153K to \$13.9M in projects whose total eligible costs range from \$333K to \$47M.

### **We Are Accountable**

We are accountable. We report to Parliament through the Minister of Natural Resources and make our Annual Report, Annual Report Supplement, and Corporate Plan – Executive Summary available to the public through our website and at our Annual Public meeting. We have adopted best practices through our Corporate Performance Evaluation Plan, and have successfully completed compliance audits.

[www.sdtec.ca](http://www.sdtec.ca)